March 2004

Dranesville District

Storm Drainage Projects

Fund 308

Project Number/Subproject Number A00002/(A927)

Project Name 6226-6330 Old Chesterbrook Road

Project Description Install approximately 200 LF storm sewer or stabilize the stream

channel with bioengineered materials.

Total Project Estimate (\$K) 170

Future Funding (\$K) 150

Current Status On Hold

Construction Award (Estimated) TBD
Project Complete (Estimated) TBD

Remarks

6226 Old Chesterbrook Road is being redeveloped. Staff is coordinating this development with OSDS and Walter Phillips, consultant for this redevelopment. A site visit was conducted by a multi-disciplinary County team to scope potential solutions on 1/12/04.

Site visit indicated that the channel bank adjacent to house 6226 has apparently re-stabilized and the threat to the house foundation has been abated. Due to lack of funding, as well as improved site conditions, team recommended monitoring the channel bank to confirm stability as well as installation of some minor toe protection measures with MSMD assistance. In the event that the channel requires additional future stabilization, funding will be requested at that time to initiate stream protection measures. Project is on hold until monitoring has concluded.

March 2004

Dranesville District

Storm Drainage Projects

Fund 308

Project Number/Subproject Number Z00018/(Z127)

Project Name Park Road @ Old Dominion Drive

Project Description Flood proofing @ 6208/6212 Park Road

Total Project Estimate (\$K) 70

Future Funding (\$K)

Current Status Design

Construction Award (Estimated)

Project Complete (Estimated)

Summer 2004

Fall 2004

Remarks

Two dwellings were found to be within the 100 year flood plain. Flood proofing concepts were prepared by in-house staff and discussed with the property owners who accepted these concepts. Preliminary design plans are being prepared for a citizen meeting to be held in 4/04.

March 2004

Dranesville District

Storm Drainage Projects

Fund 308

Project Number/Subproject Number Z00018/(Z131)

Project Name Potomac Hills Subdivision

Project Description 400 LF streambank stabilization near 1403 Cola Drive to control severe

undermining of house foundation.

Total Project Estimate (\$K) 685

Future Funding (\$K) 380

Current Status Preliminary Design

Construction Award (Estimated) TBD
Project Complete (Estimated) TBD

Remarks

A field walk with Dewberry & Davis (D&D), the consultant, was conducted. Project is funded for design in FY 04, not funded for construction. RFP for feasibility study is being pursued through the civil consultant's annual contract.

March 2004

Dranesville District

Storm Drainage Projects

Fund 310

Project Number/Subproject Number X00094/(X9409)

Project Name 1447 Woodacre Drive

Project Description Flood proofing measures at 1447 Woodacre Drive

Total Project Estimate (\$K) 55

Future Funding (\$K)

Current Status Design

Construction Award (Estimated) Fall 2004 Project Complete (Estimated) Fall 2004

Remarks

Conceptual alternatives are being evaluated; preliminary design to be complete in 4/04; project is funded for construction.

March 2004

Dranesville District

Storm Drainage Projects

Fund 310

Project Number/Subproject Number X00094/(X9411)

Project Name 6641 Kirby Court

Project Description Flood proofing measures at 6641 Kirby Court

Total Project Estimate (\$K) 55

Future Funding (\$K)

Current Status Design

Construction Award (Estimated) Spring 2004
Project Complete (Estimated) Summer 2004

Remarks

Final design was coordinated with OSDS staff in a meeting on 12/1/03. The concerned homeowner has accepted proposed flood proofing measures, plans are being finalized; construction is anticipated to commence during Spring 2004.

March 2004

Dranesville District

Storm Drainage Projects

Fund 310

Project Number/Subproject Number X00094/(X9410)

Project Name 6711 Tennyson Drive

Project Description Flood proofing measures at 6711 Tennyson Drive.

Total Project Estimate (\$K) 65

Future Funding (\$K)

Current Status Design

Construction Award (Estimated)

Project Complete (Estimated)

Summer 2004

Summer 2004

Remarks

Under the annual construction contract, a vegetated swale and 15-inch pipe were installed on an adjacent dead end street as the first phase to divert the storm water away from the basement level of this property. In addition, an earth berm/retaining structure along with required grading of a portion of the back yard will be installed to ensure that the storm water does not enter the basement. The initial phase was completed 10/7/03.

MSMD has placed sandbags around the patio doors as a temporary measure while the second phase is being engineered. Design in progress; a letter of permission from the property owner will be pursued upon completion of design.

Winter = Jan., Feb., Mar. Spring = Apr., May, June Summer = July, Aug., Sept. Fall = Oct., Nov., Dec.

March 2004

Dranesville District

Storm Drainage Projects

Fund 310

Project Number/Subproject Number X00094/(X9406)

Project Name North River Street

Project Description Storm drainage improvements and flood control of 6 properties at North

River Street

Total Project Estimate (\$K) 425

Future Funding (\$K) 305

Current Status Design

Construction Award (Estimated) TBD
Project Complete (Estimated) TBD

Remarks

95% design plans were completed by the consulting firm of D&D; review comments from County Agencies were received and forwarded to D&D for corrections on 3/1/04. Construction funding is required; construction funding to be allocated when easement acquisition is complete.

March 2004

Dranesville District

Storm Drainage Projects

Fund 316

Project Number/Subproject Number DE0203

Project Name Balmacara

Project Description Engineering design for 500 LF of stream stabilization

Total Project Estimate (\$K) 570

Future Funding (\$K) 378

Current Status Preliminary Design

Construction Award (Estimated) TBD
Project Complete (Estimated) TBD

Remarks

Construction of first phase is 100% complete.

Design of second phase to be completed by in-house staff and will include a stream assessment to evaluate design alternatives; funding required for second phase of project.

March 2004

Dranesville District

Storm Drainage Projects

Fund 316

Project Number/Subproject Number PN0211

Project Name Beach Mill Road

Project Description To alleviate severe erosion at 9497 and 9799 Beach Mill Road

Total Project Estimate (\$K) 205

Future Funding (\$K) 104

Current Status Design

Construction Award (Estimated) TBD
Project Complete (Estimated) TBD

Remarks

Streambank erosion has been occurring behind 9499 Beach Mill Road; structural stability of this house may be threatened with prolonged erosion, the only access to this house may also be impacted; as an interim measure, MSMD staff has recently cleared an outfall culvert of debris; preliminary design presented to homeowner 10/14/03. Homeowners approved conceptual design and the final design to be completed in 4/04. Currently not funded for construction; construction could start within 90 days after funding.

March 2004

Dranesville District

Storm Drainage Projects

Fund 316

Project Number/Subproject Number SC0213

Project Name Bridle Path Lane

Project Description 750' streambank stabilization

Total Project Estimate (\$K) 634

Future Funding (\$K)

Current Status Preliminary Design

Construction Award (Estimated)

Project Complete (Estimated)

Summer 2004

Fall 2004

Remarks

Final design by WSSI complete; design coordinated with FCPA & Supervisor's office. A meeting with Supervisor's office was held on 2/12/04. Staff was directed to reevaluate project. Staff visited site on 2/28/04, to assess stream condition and develop project scope and implement recommendations.

March 2004

Dranesville District

Storm Drainage Projects

Fund 316

Project Number/Subproject Number SU0005

Project Name Regional Pond S-05

Project Description Regional detention pond

Total Project Estimate (\$K) 561

Future Funding (\$K)

Current Status Design

Construction Award (Estimated)

Project Complete (Estimated)

Summer 2004

Fall 2004

Remarks

Project is fully funded; in accordance with an executed agreement with the County, developer has removed existing house and adequate easements have been secured via the developer's recorded subdivision plat; survey work is complete; hydrologic & hydraulic analysis to be completed by the end of 4/04.

March 2004

Dranesville District

Storm Drainage Projects

Fund 316

Project Number/Subproject Number SU0007

Project Name Regional Pond S-07

Project Description Regional detention pond

Total Project Estimate (\$K) 892

Future Funding (\$K) 350

Current Status Design

Construction Award (Estimated) TBD
Project Complete (Estimated) TBD

Remarks

Land acquisition for this project has been complete; citizens are concerned with the proposed loss of trees due to pond expansion. A Joint Permit Application (JPA) submitted to various state and federal agencies is complete; DEQ has been requested to temporarily suspend VWP individual permit;

citizens concerns for shrubs, trees, and ground cover were discussed with Supervisor Mendelsohn and Deputy County Executive Stalzer on 7/21/03. Staff is examining the current construction plans to minimize the impact of clearing existing trees and shrubs on the adjacent properties. The proposed planting plan will be coordinated with Dranesville District Supervisor and Mr. Stalzer. It was noted that additional construction funds would be required to forward this project for construction; it is not fully funded for construction.

March 2004

Dranesville District

Storm Drainage Projects

Fund 316

Project Number/Subproject Number SC0611

Project Name Swinks Mill Road

Project Description Flood proofing one house @ 819 Swinks Mill Road

Total Project Estimate (\$K) 200

Future Funding (\$K)

Current Status Design

Construction Award (Estimated)

Project Complete (Estimated)

Summer 2004

Fall 2004

Remarks

SWPD staff met with the property owner of 817 Swinks Mill Road on 7/25/03. Due to clogging of bridge with debris the stormwater flowed over the bridge at Swinks Mill Road on 7/22/03, and was within four feet from the eastern addition of the house. The property owner was advised that due to his house being surrounded by the 100 year flood plain, the County would not be able to provide relief from 100 year storm events.

A retaining wall on the eastside of his house is being proposed to provide streambank protection with limited flood protection control. Two concepts for protection to his property from 10 year storm events are complete and under review. Some stream bank stabilization on opposite side of 821 Swinks Mill Road would also be required.

Scope assessment is underway for incorporation of bioengineering processes. Scoping adjustment anticipated.

Winter = Jan., Feb., Mar. Spring = Apr., May, June Summer = July, Aug., Sept. Fall = Oct., Nov., Dec.

March 2004

Dranesville District

Storm Drainage Projects

Fund 316

Project Number/Subproject Number PM0652

Project Name Tucker Avenue

Project Description Flood proofing of two properties at 6632

and 6633 Tucker Avenue

Total Project Estimate (\$K) 271

Future Funding (\$K)

Current Status Construction

Construction Award (Actual) 11/07/2003
Project Complete (Estimated) Winter 2004

Remarks

Project is funded for flood proofing only; project scope being evaluated to possibly include channel improvements to an unnamed tributary of Pimmit Run on adjacent FCPA property; channel-related improvements to be evaluated separately from flood proofing work; NTP to proceed with construction of flood proofing measures was authorized on 11/14/03; construction is 85% complete.

March 2004

Dranesville District

Roads, Neighborhood Improvements, & Commercial Revitalization Projects

Fund 315

Project Number/Subproject Number 008912

Project Name McLean Streetscape Demonstration Project

Project Description Streetscape improvements to Chain Bridge Road from Westmoreland to

Cedar

Total Project Estimate (\$K) 200

Future Funding (\$K)

Current Status Design

Construction Award (Estimated) Fall 2005
Project Complete (Estimated) Spring 2006

Remarks

This project is funded with VDOT Transportation Enhancement Grants. Preliminary plans distributed to VDOT and County agencies for review 1/6/04.

March 2004

Dranesville District

Roads, Neighborhood Improvements, & Commercial Revitalization Projects

Fund 315

Project Number/Subproject Number 008912

Project Name McLean Utilities

Project Description Underground utilities along Chain Bridge Road from Corner Lane to

Laughlin Avenue

Total Project Estimate (\$K) 1,800

Future Funding (\$K)

Current Status Design

Construction Award (Estimated) Spring 2005
Project Complete (Estimated) Spring 2006

Remarks

Meeting with Dominion VA Power held on 2/25/04 for field review of their preliminary plans. Also, a meeting with a representative from Madison Homes to coordinate work being done for Palladium Development. Provided preliminary Dominion VA Power plans to Verizon and Cox Communication for coordination. Expect preliminary plans from all utilities by end of March and will hold a coordination meeting once all plans are in.

March 2004

Dranesville District

Walkways, Bus Shelters, and Sanitary Sewer Projects

Fund 102

Project Number/Subproject Number 26002G/(02204)

Project Name Baron Cameron Ave. EB @ Hunter Mill Rd (far side)

Project Description Installation of bus shelter

Total Project Estimate (\$K) 19

Future Funding (\$K)

Current Status Construction

Construction Award (Actual) 11/20/2003
Project Complete (Estimated) Spring 2004

Remarks

Construction authorized 11/20/03; construction task order notice-to-proceed 1/12/04 (construction 70% complete).

March 2004

Dranesville District

Walkways, Bus Shelters, and Sanitary Sewer Projects

Fund 307

Project Number/Subproject Number W00200/(W208)

Project Name Difficult Run Stream CrossingProject Description Phase II: 2-Stream Crossings

Total Project Estimate (\$K) 100

Future Funding (\$K)

Current Status Design

Construction Award (Estimated)

Project Complete (Estimated)

Summer 2004

Fall 2004

Remarks

DESIGN & CONSTRUCTION BY FCPA (Jenny Pate); Phase I improvements (fair weather stream crossing at Calvin Run) complete; scope approved by FCPA Board and design in progress and addressing easement issues.

March 2004

Dranesville District

Walkways, Bus Shelters, and Sanitary Sewer Projects

Fund 307

Project Number/Subproject Number W00200/(W202)

Project Name Georgetown Pike

Project Description 2 mile 6-foot stone dust trail (Phase I: 6,000 LF of trail from

Applewood Lane to Ad Hoc Road)

Total Project Estimate (\$K) 608

Future Funding (\$K) 377

Current Status Land Acquisition

Construction Award (Estimated) Fall 2004 Project Complete (Estimated) Spring 2005

Remarks

TEA-21 funding approved (\$150K VDOT funds); project being implemented using a "team approach;" topographic and property site survey and design complete; historic area assessments report complete and approved by Historic Resources; environmental report complete and approved by VDOT; LAD authorized 3/3/04, to obtain appraisals to acquire 14 easements along with preparation of Title Reports (VDOT approval of appraisals required before negotiations can be initiated). Final VDOT approval of Project Agreement for Scenic Byway Grant 9/8/03 (NVRC proceeding with Route Feasibility Study); coordination in progress with DOT and VDOT on additional enhancement funds that have been approved for this project.

March 2004

Dranesville District

Walkways, Bus Shelters, and Sanitary Sewer Projects

Fund 307

Project Number/Subproject Number W00200/(W216)

Project Name Hiddenbrook Road @ Dranesville Road

Project Description 250 LF 6' asphalt trail

Total Project Estimate (\$K) 77

Future Funding (\$K) 25

Current Status Design

Construction Award (Estimated) TBD
Project Complete (Estimated) TBD

Remarks

Coordination in progress with the FCPA on a design change that will involve additional grading/tree removal (additional funds for construction will be required); FCPA has provided a letter of permission to enter site in order for construction to proceed concurrently with the process to obtain a permanent storm drainage easement for the drainage outfall.

March 2004

Dranesville District

Walkways, Bus Shelters, and Sanitary Sewer Projects

Fund 307

Project Number/Subproject Number W00200/(W210)

Project Name Pimmit Run Stream Valley Improvements

Project Description 3-stepping stone stream crossings, road crossing, & easement

acquisition for trail

Total Project Estimate (\$K) 60

Future Funding (\$K)

Current Status Design

Construction Award (Estimated) Fall 2004
Project Complete (Estimated) Spring 2005

Remarks

DESIGN & CONSTRUCTION BY FCPA (Jenny Pate); scope approved by FCPA Board and design in progress; FY 2004.

March 2004

Dranesville District

Walkways, Bus Shelters, and Sanitary Sewer Projects

Fund 307

Project Number/Subproject Number W00200/(W217)

Project Name Springhill Road / Lewinsville Road **Project Description** 1,500 LF 6 foot asphalt trail

Total Project Estimate (\$K) 10

Future Funding (\$K)

Current Status Construction

Construction Award (Actual) 10/17/2003
Project Complete (Estimated) Winter 2004

Remarks

Developer (the Holiday Corporation) has constructed the trail at no cost to the County via a sole source agreement; signal design prepared by BMI at County cost; VDOT authorized 10/17/03, to construct (County to provide funds); VDOT construction 90% complete (traffic signal activation required).

March 2004

Dranesville District

Walkways, Bus Shelters, and Sanitary Sewer Projects

Fund 307

Project Number/Subproject Number W00200/(W212)

Project Name Walker Road Phase I

Project Description 6-foot stone dust trail (Phase I: 2,300 LF of trail north of Village

Center to Arnon Chapel Road, and 200 LF south of Village Center at

Verizon property)

Total Project Estimate (\$K) 350

Future Funding (\$K)

Current Status Land Acquisition

Construction Award (Estimated) Fall 2004 Project Complete (Estimated) Spring 2005

Remarks

TEA-21 funding approved (\$200K in VDOT funds); topographic and property site survey and design complete; general citizen meeting conducted 5/20/03; VDOT review comments; historic area assessments report complete and approved by Historic Resources; environmental report complete and approved by VDOT; LAD authorized 3/2/04, to obtain appraisals to acquire 6 easements along with preparation of Title Reports (VDOT approval of appraisals required before negotiations can be initiated).

March 2004

Dranesville District

Walkways, Bus Shelters, and Sanitary Sewer Projects

Fund 402

Project Number/Subproject Number X00826/(D017)

Project Name Alps Drive

Project Description 1,300 LF 8-inch sanitary sewer

Total Project Estimate (\$K) 305

Future Funding (\$K)

Current Status Design

Construction Award (Estimated) Spring 2005
Project Complete (Estimated) Fall 2005

Remarks

Topographic and property survey in progress; citizen meeting scheduled for 3/24/04; analyzing limitations of proposed sewer service (basement vs. first floor) based on topographical constraints.

March 2004

Dranesville District

Walkways, Bus Shelters, and Sanitary Sewer Projects

Fund 402

Project Number/Subproject Number X00826/(G015)

Project Name Kirby Road E & I

Project Description 200 LF 8-inch sanitary sewer

Total Project Estimate (\$K) 213

Future Funding (\$K)

Current Status Design

Construction Award (Estimated) Spring 2004
Project Complete (Estimated) Summer 2004

Remarks

Survey and design by an outside consultant complete; utility designation in progress; no easements required; construction package being prepared and applying for VDOT Land Use Permit.

March 2004

Dranesville District

Walkways, Bus Shelters, and Sanitary Sewer Projects

Fund 402

Project Number/Subproject Number X00826/(F017)

Project Name Langley Forest

Project Description 1,000 LF 8-inch sanitary sewer

Total Project Estimate (\$K) 279

Future Funding (\$K)

Current Status Preliminary Design

Construction Award (Estimated) TBD
Project Complete (Estimated) TBD

Remarks

Citizen meeting being scheduled for 4/04; project schedule to be prepared once the preliminary alignment has been coordinated with the citizens.

March 2004

Dranesville District

Walkways, Bus Shelters, and Sanitary Sewer Projects

Fund 402

Project Number/Subproject Number X00826/(D016)

Project Name Portland Place

Project Description 2,800' 8-inch sanitary sewer

Total Project Estimate (\$K) 722

Future Funding (\$K)

Current Status Design

Construction Award (Estimated)

Project Complete (Estimated)

Summer 2004

Winter 2005

Remarks

Project site survey complete; design in progress (design 60% complete); citizen meeting being scheduled; no easements required.

March 2004

Dranesville District

Walkways, Bus Shelters, and Sanitary Sewer Projects

Fund 402

Project Number/Subproject Number X00826/(E004)

Project Name River Oaks

Project Description 12,000 LF 8-inch sanitary sewer

Total Project Estimate (\$K) 3,900

Future Funding (\$K)

Current Status Design

Construction Award (Estimated) Spring 2006
Project Complete (Estimated) Spring 2007

Remarks

Feasibility Study Report and research on existing septic field locations complete; grinder pump locations finalized and reviewed with property owners; supplemental survey work in progress; consultant contract addendum for design approved and design in progress concurrent with the ongoing site survey work; LAD directed 3/3/04, to proceed to obtain title reports for projects where land rights will be required; general citizen meeting to be scheduled during 4/04.

March 2004

Dranesville District

Walkways, Bus Shelters, and Sanitary Sewer Projects

Fund 402

Project Number/Subproject Number X00826/(E005)

Project Name Saigon Subdivision

Project Description 6,000 LF 8-inch sanitary sewer

Total Project Estimate (\$K) 2,530

Future Funding (\$K) 1,770

Current Status Preliminary Design

Construction Award (Estimated) TBD
Project Complete (Estimated) TBD

Remarks

A/E selection committee interviews conducted 1/8/04; Patton Harris Rust & Associates approved 2/17/04, to prepare project design (Request for a Proposal sent 3/10/04); project completion schedule to be prepared concurrent with the award of the design contract.